EAST Search History

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|-------|---|------------------------|---------------------|---------|---------------------|
| S3 | 4 | (model SAME (feedforward OR (feed ADJ2 (back OR forward)) OR feedback)) AND S2 | US- PGPUB; USPAT | OR | OFF | 2008/04/30 13:21 |
| S4 | 110 | (grain ADJ2 size) AND metal AND microstructure AND temperature AND austenitic AND model | US- PGPUB; USPAT | OR | OFF | 2008/04/30 13:51 |
| S7 | 1 | (adjust\$4 NEAR4 properties) SAME (metal ADJ5 microstructure) | US- PGPUB; USPAT | OR | OFF | 2008/04/30 13:55 |
| S8 | 1 | (adjust\$4 NEAR4 properties) SAME (metal WITH microstructure) | US- PGPUB; USPAT | OR | OFF | 2008/04/30 13:56 |
| S9 | 1 | "5357443".pn. AND measur\$4 | USPAT | OR | OFF | 2008/04/30 15:12 |
| S10 | 110 | (grain ADJ2 size) AND metal AND microstructure AND temperature AND austenitic AND model | US- PGPUB; USPAT | OR | OFF | 2008/04/30 15:14 |
| S11 | 2 | S10 AND (measur\$4 ADJ (device OR tool OR instrument)) | US- PGPUB; USPAT | OR | ON | 2008/04/30 15:14 |
| S12 | 15044 | measur\$5 NEAR4 roll \$3 | USPAT | OR | OFF | 2008/04/30 15:16 |
| S13 | 80 | 700/145.cds. | USPAT | OR | OFF | 2008/04/30 16:18 |
| S14 | 14 | 700/147.cds. | USPAT | OR | OFF | 2008/04/30 16:19 |
| S15 | 29 | 700/148.cds. | USPAT | OR | OFF | 2008/04/30 16:19 |
| S16 | 116 | 148/508.cds. | USPAT | OR | OFF | 2008/04/30 16:19 |
| S17 | 64 | 148/509.cds. | USPAT | OR | OFF | 2008/04/30 16:19 |
| S18 | 120 | S13 OR S14 OR S15 | USPAT | OR | OFF | 2008/04/30 16:19 |

| S19 | 174 | S16 OR S17 | USPAT | OR | OFF | 2008/04/30 16:20 |
|-------------|--------|---|------------------------|----|-----|---------------------|
| S20 | 15044 | measur\$5 NEAR4 roll \$3 | USPAT | OR | OFF | 2008/04/30 16:20 |
| S21 | 12 | S20 AND S18 | USPAT | OR | OFF | 2008/04/30 16:20 |
| S22 | 7 | S20 AND S19 | USPAT | OR | OFF | 2008/04/30 16:20 |
| S23 | 3 | actuator AND S21 | USPAT | OR | OFF | 2008/04/30 16:21 |
| S24 | 1 | actuator AND S22 | USPAT | OR | OFF | 2008/04/30 16:21 |
| S25 | 2722 | S20 AND (measur\$4 ADJ (device OR tool OR instrument)) | US- PGPUB; USPAT | OR | ON | 2008/04/30 16:23 |
| S26 | 393684 | (ultra ADJ2 sonic) OR ultrasonic OR (x ADJ ray) | US- PGPUB; USPAT | OR | ON | 2008/04/30 16:23 |
| S27 | 3477 | S26 SAME (measur\$4 ADJ (device OR tool OR instrument)) | US- PGPUB; USPAT | OR | ON | 2008/04/30 16:24 |
| S28 | 157 | actuator AND \$27 | USPAT | OR | OFF | 2008/04/30 16:24 |
| S29 | 0 | S28 AND S22 | USPAT | OR | OFF | 2008/04/30 16:24 |
| S30 | 0 | S28 AND S21 | USPAT | OR | OFF | 2008/04/30 16:25 |
| S31 | 0 | S21 AND S27 | USPAT | OR | OFF | 2008/04/30 16:25 |
| S32 | 0 | S18 AND S27 | USPAT | OR | OFF | 2008/04/30 16:25 |
| S33 | 0 | S28 AND S18 | USPAT | OR | OFF | 2008/04/30 16:25 |
| S34 | 2158 | S26 WITH (measur\$4 ADJ (device OR tool OR instrument)) | US- PGPUB; USPAT | OR | ON | 2008/04/30 16:26 |
| S 35 | 19 | S20 SAME S34 | US- PGPUB; USPAT | OR | ON | 2008/04/30 16:26 |
| S36 | 96 | actuator AND S34 | USPAT | OR | OFF | 2008/04/30 16:29 |
| S 37 | 110 | (grain ADJ2 size) AND metal AND microstructure AND temperature AND austenitic AND model | US- PGPUB; USPAT | OR | OFF | 2008/04/30 16:29 |

| S38 | 0 | S37 AND S27 | USPAT | OR | OFF | 2008/04/30 16:29 |
|-----|-------|---|------------------------|----|-----|---------------------|
| S39 | 19 | S37 AND S26 | USPAT | OR | OFF | 2008/04/30 16:30 |
| S40 | 0 | "5702543".pn. AND actuator | USPAT | OR | OFF | 2008/04/30 16:33 |
| S41 | 7 | (cooling ADJ2 line) SAME (ultrasonic) | USPAT | OR | OFF | 2008/05/01 09:30 |
| S42 | 10 | (cooling ADJ2 line) SAME (ultrasonic) | US- PGPUB; USPAT | OR | OFF | 2008/05/01 09:30 |
| S43 | 1 | ((cooling ADJ2 line) WITH (wire ADJ mill)) SAME (ultrasonic) | US- PGPUB; USPAT | OR | OFF | 2008/05/01 09:34 |
| S44 | 1 | ((cooling ADJ2 line) WITH wire)SAME (ultrasonic) | US- PGPUB; USPAT | OR | OFF | 2008/05/01 09:34 |
| S45 | 40602 | measur\$4 WITH (ultrasonic OR (x ADJ2 ray)) | US- PGPUB; USPAT | OR | OFF | 2008/05/01 09:36 |
| S46 | 1842 | (microsturctur\$2 OR metal OR grain) WITH S45 | US- PGPUB; USPAT | OR | OFF | 2008/05/01 09:37 |
| S47 | 531 | S46 AND (roller OR rolling OR rollers) | US- PGPUB; USPAT | OR | OFF | 2008/05/01 09:38 |
| S48 | 35 | S46 SAME (roller OR rolling OR rollers) | US- PGPUB; USPAT | OR | OFF | 2008/05/01 09:38 |
| S49 | 1 | ((cooling ADJ2 line) WITH (wire ADJ mill)) WITH measur\$4 | US- PGPUB; USPAT | OR | OFF | 2008/05/01 11:41 |
| S50 | 1 | ((cooling ADJ2 line) WITH (wire ADJ mill)) SAME (measur\$4 ADJ (device OR tool OR instrument)) | US- PGPUB; USPAT | OR | ON | 2008/05/01 11:42 |
| S51 | 1 | ((cooling ADJ2 line) WITH (wire ADJ mill)) AND (measur\$4 ADJ (device OR tool OR instrument)) | US- PGPUB; USPAT | OR | ON | 2008/05/01 11:42 |
| S52 | 9 | (cooling ADJ2 line) WITH (measur\$4 ADJ (device OR tool OR instrument)) | US- PGPUB; USPAT | OR | ON | 2008/05/01 11:42 |

5/5/2008 3:06:12 PM

 $C:\ \ Documents\ \ and\ \ Settings\ \ srao1\ \ \ My\ \ Documents\ \ EAST\ \ \ \ Workspaces\ \ 10537521.wsp$